

CLAIMS

1. A method for remotely operating an imaging system, said method comprising:
moving a trackball in a handheld trackball device;
5 transmitting a command based on movement of said trackball to an imaging
system from said handheld trackball device; and
adjusting a setting or function of said imaging system based on said command.
2. The method of claim 1, wherein said transmitting step further comprises
10 wireless transmission of said command to said imaging system.
3. The method of claim 1, wherein said moving step further comprises at
least one of rolling and clicking said trackball.
- 15 4. The method of claim 1, wherein said trackball comprises a wheel on a
mousing device.
5. The method of claim 1, further comprising controlling said imaging
system using at least one of a voice command, a foot switch, and a remote keypad.
20
6. The method of claim 1, further comprising pressing a button on said
handheld trackball device to trigger an imaging system command.
7. A handheld trackball device for controlling an imaging system, said device
25 comprising:
a trackball for controlling an imaging system based on motion of said trackball;
a transmitter for transmitting a command to said imaging system based on motion
of said trackball; and
a housing for holding said trackball and said transmitter.

30

8. The device of claim 7, further comprising a button for controlling an imaging system function.

9. The device of claim 7, wherein said trackball device works with voice commands to control said imaging system.

10. The device of claim 7, wherein said trackball comprises a wheel on a mousing device.

11. The device of claim 7, wherein said device works with at least one of a voice command, a foot switch, and a remote keypad to control said imaging system.

12. The device of claim 7, wherein said handheld trackball device comprises a wireless handheld trackball device.

13. A remote mousing device for operating an imaging system, said device comprising:

a moveable portion for operating an imaging system based on motion of said moveable portion; and

a transmitter for transmitting a command to said imaging system based on said moveable portion.

14. The mousing device of claim 13, wherein said moveable portion comprises at least one of a trackball, a wheel, and a joystick.

15. The mousing device of claim 13, further comprising an additional input receptor.

16. The mousing device of claim 15, wherein said additional input receptor comprises at least one of a button, a switch, and a touch screen.

17. The mousing device of claim 13, wherein said mousing device works with at least one of a voice command, a foot switch, and a remote keypad to control said imaging system.

5 18. The mousing device of claim 13, wherein said mousing device comprises a wireless mousing device.

19. The mousing device of claim 13, wherein said mousing device comprises a handheld mousing device.
10

20. The mousing device of claim 13, further comprising a fastener for affixing said mousing device to at least one of an operator and a subject being imaged.

21. The mousing device of claim 13, wherein said mousing device is integrated with an instrument.
15

22. The mousing device of claim 22, wherein said instrument comprises at least one of an imaging instrument and a medical instrument.
20